

FIG.3

OLIGONUCLEOTIDE SPECIFIC FOR SV-40 T PROTEIN

VIRAL DNA(CODING) 3'...GAAACGTTTCTACCTATTTC...5'

*VIRAL T PROTEIN
mRNA 5'...CUUUGCAAAGAUUGGAUAAAG...3'*

*T PROTEIN SPECIFIC
OLIGONUCLEOTIDE 3'...GAAACGTTTCTACCTATTTC...5'*

FIG. 4
 CONSTRUCTION OF HIGH YIELD PLASMID CONTAINING
 THE T PROTEIN OLIGONUCLEOTIDE

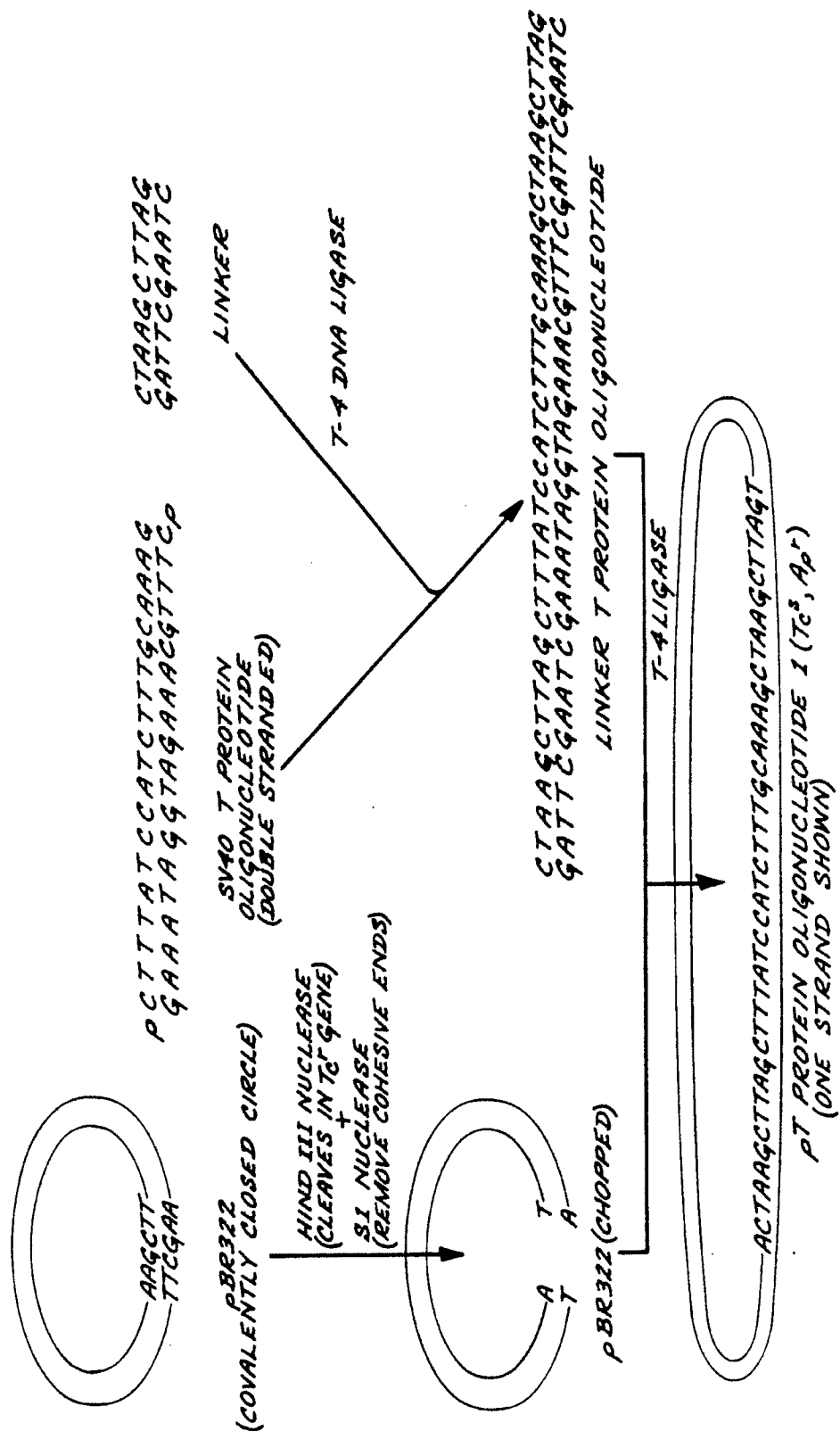


FIG. 5

PRODUCTION OF SV-40 T PROTEIN OLIGONUCLEOTIDE FROM
 PT OLIGONUCLEOTIDE USING RESTRICTION NUCLEASE
 CLEAVAGE TO RELEASE FRAGMENTS.

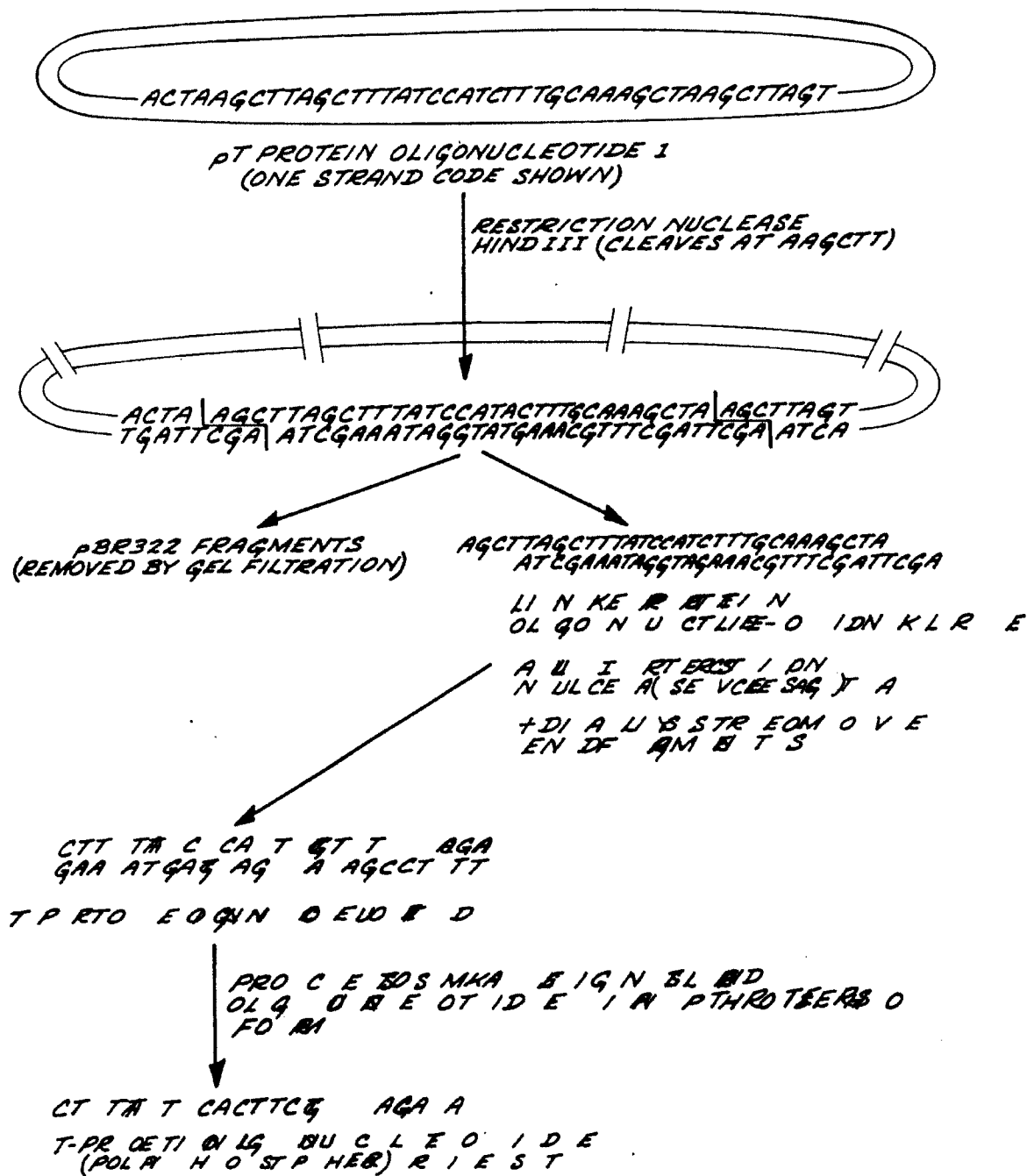
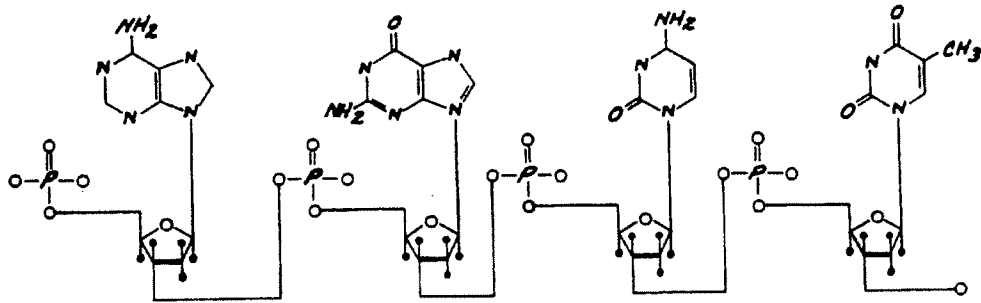
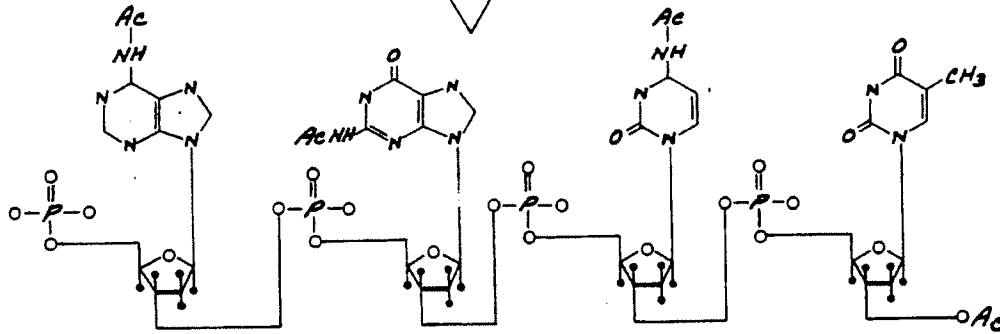


FIG. 6



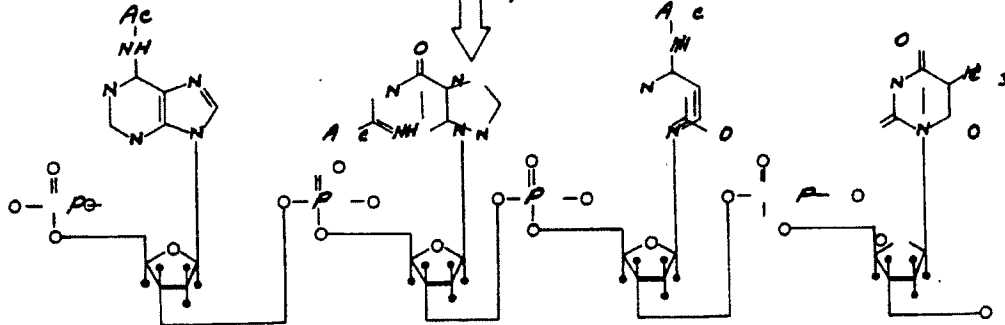
DNA SEGMENT

ACETIC ANHYDRIDE

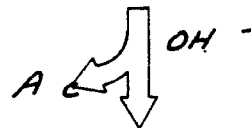


ACETYLATED DNA

3' JEANOL
 NN-DENTHERMA IMDE
 17% TOB A SBYLO CHA R D
 2, GLUTENE



DNA POLYPHOSPHATE (BASE-TERMINATED)



DNA POLYPHOSPHATES

FIG.7

*OLIGONUCLEOTIDE SPECIFIC FOR FOLLICLE STIMULATING
HORMONE*

PROTEIN SEQUENCE:

N TERMINUS....THR TRP CYS ALA GLY TYR CYS TYR THR...C TERMINUS

MRNA PREDICTED:

5' END ACX UGG UGC GCX GGX UAC UGU UAC ACX 3' END

*FSH
OLIGONUCLEOTIDE
FAMILY:*

3' END TCG ACC ACC CCG CCG ATG ACG ATG TG- 5' END
(7) (7) (7)